

Fish Passage & Diversion Screening Inventory Database Report Cover Sheet

The following report is extracted from the Washington Department of Fish and Wildlife's (WDFW) Fish Passage and Diversion Screening Inventory Database (FPDSI). WDFW makes every attempt to keep these reports in sync with FPDSI; however, the dynamic nature of the data and workflows associated with maintaining the database may result in short-term differences.

Users are encouraged to contact WDFW to discuss appropriate use of the data and how we can assist with fish passage barrier removal or inventory. Please visit the Fish Passage web site for contact information at: https://wdfw.wa.gov/species-habitats/habitat-recovery/fish-passage/about

Disclaimers:

- Data presented here represent a snapshot observation of conditions in a dynamic environment
 that is subject to change. Fish passage data are also collected from a variety of agencies and
 sources. Therefore, WDFW makes no guarantee concerning the data's content, accuracy,
 completeness, or the results obtained from use of the data. WDFW assumes no liability for the
 data represented here.
- These data are not an attempt to provide you with an official agency response as to the impacts of your project on fish and wildlife.
- Note that some fish passage features, habitats or species may occur in areas not currently
 known to the WDFW Fish Passage division, and may not be reflected in this database. A lack of
 data does not necessarily indicate that a feature, habitat, or species are not present.
- Unauthorized attempts to alter or modify these data are strictly prohibited.
- Bankfull width measurements included in these reports should not be used for fish passage crossing design. They are solely for assessment purposes.
- The barrier status reported in this document is based on the swimming abilities of adult salmonids. Passabilities are a qualitative value, and should not be interpreted as a quantitative calculation. Please see page 1-4 of the Fish Passage Inventory, Assessment and Prioritization Manual for further clarification: https://wdfw.wa.gov/publications/02061
- EXIF data presented with Image Reports may be erroneous due to camera battery failures and resetting of camera clock functions.

Abbreviations:

Most abbreviations in this report are defined in the Quick Reference Tables of the Fish Passage Inventory, Assessment, and Prioritization Manual. Additional commonly used abbreviations are defined as follows:

NFB = no potential salmonid use, **BB** = both banks, **LB** = left bank looking downstream, **RB** = right bank looking downstream, **US** or **U/S** = upstream, **DS** or **D/S** = downstream, **WSDrop** = water surface drop, **BFW** = bankfull width, **OHW** = ordinary high water, **SLW** = scour line width, **CMP** = corrugated metal pipe, **Q**_{fp} = fish passage flow, **V&D** = Velocity and Depth, **ROW** = Right of Way

The FPDSI database often uses default values such as '-99.99' or '-999' to represent null values.

WDFW Fish Passage and Diversion Screening Inventory Database

Site Description Report

ite ID 105 R121420a	Project	WSDOT		☐ Mitigated
Geographic Coordinate	es	Waterbo	dy	
Latitude (WGS 84):	47.246344	Stream:		Wapato Cr
Longitude (WGS 84):	-122.369716	Tributar	у То:	Blair Waterway
East (NAD 83 HARN):	1,176,073.7	WRIA:	<u> </u>	10.0017
North (NAD 83 HARN)	703,137.2	River M	ile:	-999.99
		Fish Us	e Potentia	al: Yes
General Location		FUP Cri	teria:	Mapped
Road Name:	12th St E	Owner		
Mile Post:	-999.99	Type:	City	
County:	Pierce	Name:	City of F	ife
WDFW Region:	6			
PI Species				
☐ Sockeye	✓ Chinook		✓ Sea	Run Cutthroat
✓ Pink	✓ Coho		✓ Res	ident Trout
✓ Chum	✓ Steelhead		☐ Bull	Trout
Associated Features				
✓ Culvert	☐ Dam	☐ Natural Ba	arrier	Diversion
\square Non-Culvert Xing	☐ Other	☐ Fishway		
Location/Directions				
12th St, East of Alexande	er			
Site Comments				
U/S end is on private pro	perty, member of Pu	uyallup Nation.		

11/18/2021

These data represent a snapshot of the Washington Department of Fish and Wildlife's current records. Due to the ongoing nature of assessment and inventory of these features, these data may not accurately represent conditions on the ground, and are subject to change.

WDFW Fish Passage and Diversion Screening Inventory Database

Level A Culvert Assessment Report

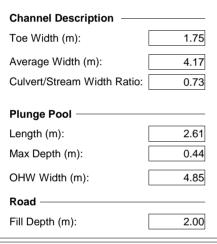
Site ID: 105 R121420a

Latitude: 47.246344 Stream: Wapato Cr WRIA: 10.0017

Longitude: -122.369716 Tributary To: Blair Waterway Fish Use Potential: Yes

Data Source:		Washington Department of Fish and Wildlife								
	Field Crew:	Coleman;Tran	Review Date:	10/1/2019						

Culvert Details						Level A Parameters							
<u>ID</u>	<u>Shape</u>	<u>Material</u>	<u>Span</u>	<u>Rise</u>	<u>Length</u>	<u>WDIC</u>	<u>Apron</u>	WSDrop	Location	Countersunk	<u>Backwater</u>	Slope (%)	<u>Sediment</u>
1.2	RND	PCC	1.52	1.52	13.10	0.10	NO	0.45	Outlet	No	No	0.53	
2.2	RND	PCC	1.52	1.52	13.30	0.08	NO	0.45	Outlet	No	No	0.23	
All o	All dimensions in meters												





Assessme	nt Results	Tidal Influence:		Tidegate Pr	esent:	No
Barrier:	Yes	Passability (%):	Unknown	Method:		Other
Reason:	Other	Fishway Present:	No	Recheck:		

Comments

U/S riprap headwall. Concrete wall at steep angle under outlet, creating WSD. Concrete headwall at outlet. At outlet Cr takes 90 degree turn toward LB, parallel to road. Tidally influenced (Level T). Drop at low-tide no longer present at +13 ft MLLW.

Potential Habitat Gain

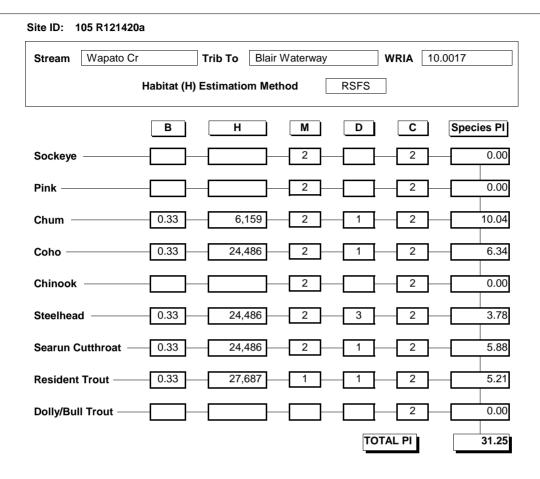
Survey Type:	RSFS	Spawning (sq m):	-999	Length (m):	18,467
Significant Reach:	Yes	Rearing (sq m):	-999	PI Total	31.25

11/18/2021

WDFW Fish Passage and Diversion Screening Inventory Database Habitat Survey Summary Report

Site ID:	105 R1214	20a					
Latitud	e: 47.	246344	Longitude:	-122.369	716 WR	IIA:	10.0017
Stream	: Wapato Cr	•	Tributary To: B	lair Waterwa	y PIT	Total:	31.25
Survey	Туре	RSFS					
Spreads	heet File(s):						
R12141	9aTB.xlsx, 8-	105 R12	-105 R121419aN 1419aTC.xlsx, 9 121419aTDAa.x	-105 R121419	aTD.xlsx, 10	-105	5
Downst	ream Survey						
Date:	10/1/2019	Crew: C	oleman;Tran	Lei	ngth (m):	976	
Downstr	eam Commer	nts:			,	·	
Date:	m Comments:	sidential,	Coleman;Ti commercial, and and 1-2% gradie	d agricultural la			
Potentia	al Habitat Gai	n					
·	n): ng Area (sq m) Area (sq m):		-999	bution nadromous esident Only nknown	Gain Dire	ction (Resident	Only):
Potentia	al Species Be	nefit					
	☐ Sockeye /	Kokane	e 🗹 Ch	inook	✓ Sear	un Cutthroat	
	✓ Pink		✓ Co	ho	✓ Resi	dent Trout	
	✓ Chum		✓ Ste	eelhead	☐ Bull [·]	Trout	

WDFW Fish Passage and Diversion Screening Inventory Database Barrier Priority Index Report



B = proportion of fish passage improvement (1, 0.67, 0.33).

H = potential habitat gain (square meters), spawning habitat for sockeye, pink and chum, rearing habitat for the rest.

M= mobility modifier (anadromous = 2, resident = 1).

D = stock condition modifier (critical = 3, depressed = 2, not 2 or 3 = 1).

C= repair cost modifier (<\$100K = 3, \$100K - \$500K = 2, >\$500K = 1).

WDFW Fish Passage and Diversion Screening Inventory Database Image Report - Active

Site ID:	105 R121420a				
Latitude:	47.246344	Stream:	Wapato Cr	WRIA:	10.0017
Longitude:	-122.369716	Tributary To:	Blair Waterway	Fish Use Potential:	Yes
Associate	ed Features				
✓ Culv	vert -Culvert Xing	☐ Dam	☐ Natural Barrier ☐ Fishway	Diversion	



